PRINTER RUSH (PTO ASSISTANCE)

Application : 10/01793	Examiner: _	Maust	GAU:	3757	
From:	B Location: (1	DC FMF FDC	Date:	0/28/07	
	Tracking #: ef	m 10617938	Week Date:	10-17-2005	-
DOC CODE 1449 IDS CLM IIFW SRFW DRW OATH 312 SPEC	DOC DATE	MISCELLA Continuing D Foreign Prior Document Le Fees Other	Data rity		
		fication.	Please 6	Mosing. Thousand Thank you NAR	CAT
[XRUSH] RESPONSE:					
NOTE: This form will be incl	uded as part of the offi	cial USPTO record,		nse	

document coded as XRUSH.

REV 10/04

illustrate only some embodiments of the invention and are therefore not to be considered limiting of its scope, because the invention may admit to other equally effective embodiments.

5 [0052] Figure 1 is a functional block diagram of a system comprising a diluent source and a plurality of concentrate sources, each being in fluid communication with a common mixing chamber; and

[0053] Figure 2 is a functional block diagram of a system comprising a diluent source and a plurality of concentrate sources, each being in fluid communication with a plurality of mixing chambers.

DETAILED DESCRIPTION OF THE INVENTION

[0054] Referring to Figure 1, a machine la comprises a diluent source 1, for example water, and a plurality of concentrate sources 2 to 5. Said diluent and concentrate sources are in fluid communication with a mixing chamber 6 through a series of conduits 7 to 11, respectively controlled by control valves 12 to 16. Said control valves 12 to 16 may be automatically or manually operated. Said mixing chamber 6 in fluid communication with a dispense point 17, which is controlled by a control valve 18, said dispense point 17 serving to dispense product to a storage container 19, which may be an integral component of the machine, or in an alternative embodiment, may be external to

10

15

20

25